CLAIMS

What is claimed is:

1	1. A peptide according to formula 1
2	$(formula\ 1)\ (X1)_{n}\text{-}A\text{-}A\text{-}V\text{-}A\text{-}L\text{-}L\text{-}P\text{-}A\text{-}V\text{-}L\text{-}L\text{-}A\text{-}L\text{-}L\text{-}A\text{-}P\text{-}}(X2)_{m}$
3	wherein X1 and X2 are selected from one or more charged amino acid residues
4	such that each X1 and each X2 may be the same or different charged amino acid
5	residue, further wherein n has a value of 0 or 3-10, and m has a value of 0 or 3-10.
1	2. The peptide according to claim 1, wherein either $m=0$ or
2	n=0, wherein if $m=0$, n has a value from 4 to 10, and if $n=0$, m has a value
3	from 4 to 10.
1	3. A peptide according to formula 2
2	(formula 2) $(X1)_n$ -P-A-V-L-L-A-L-L-A- $(X2)_m$
3	wherein X1 and X2 are selected from one or more charged amino acid residues
4	such that each X1 and each X2 may be the same or different charged amino acid
5	residue, further wherein n has a value of 0 or 3-10 and m has a value of 0 or 3-10.
1	4. The peptide according to claim 3, wherein either $m=0$ or
2	n=0.
1	5. A pharmaceutical composition, comprising an antiviral
2	peptide and a pharmaceutically acceptable carrier, wherein the pharmaceutical
3	composition is effective for treating or preventing viral infections in a mammalian
4	host.
1	6. The pharmaceutical composition according to claim 5,
2	wherein the antiviral peptide further comprises a solubility tag.

1	 The pharmaceutical composition according to claim 5,
2	wherein the antiviral peptide is selected from the group consisting of SEQ ID NOS:
3	1-15, SEQ ID NOS 18-30, fragments thereof and derivatives thereof, wherein if the
4	antiviral peptide is SEQ ID NO:14, SEQ ID NO:15, a fragment or derivative
5	thereof, then X1 and X2 are selected from one or more charged amino acid residues
6	such that each X1 and each X2 may be the same or different charged amino acid
7	residue, further wherein n has a value of 0 or 3-10, and m has a value of 0 or 3-10.
1	8. The pharmaceutical composition according to claim 7,
2	wherein the antiviral peptide is selected from the group consisting of SEQ ID
3	NOS: 1-13.
1	9. The pharmaceutical composition according to claim 7,
2	wherein the antiviral peptide is selected from the group consisting of SEQ ID
3	NOS: 14-15.
1	10. The pharmaceutical composition according to claim 7,
2	wherein the antiviral peptide is SEQ ID NO:14, wherein m=0 and n has a value
3	of 4 to 10.

- 1 11. The pharmaceutical composition according to claim 5,
 wherein the composition is effective at treating or preventing infections from
 enveloped viruses.
- 1 12. The pharmaceutical composition according to claim 11,
 2 wherein the composition is effective at treating or preventing infections from one or
 3 more viruses selected from the group consisting of human immunodeficiency virus,
 4 herpes simplex viruses and cytomegalovirus.
- 1 13. The pharmaceutical composition according to claim 12,
 2 wherein the composition is effective at treating or preventing infections from one or
 3 more herpes simplex viruses.

- 1 14. The pharmaceutical composition according to claim 5,
 2 wherein the composition is effective at treating or preventing infections from
 3 nonenveloped viruses.
- 1 15. A method of treating or preventing a virus infection in a 2 warm blooded animal comprising administering to the animal an effective amount of 3 the pharmaceutical composition according to claim 5.
- 1 16. A method of treating or preventing a virus infection in a 2 warm blooded animal comprising administering to the animal an effective amount of 3 the pharmaceutical composition according to claim 10.